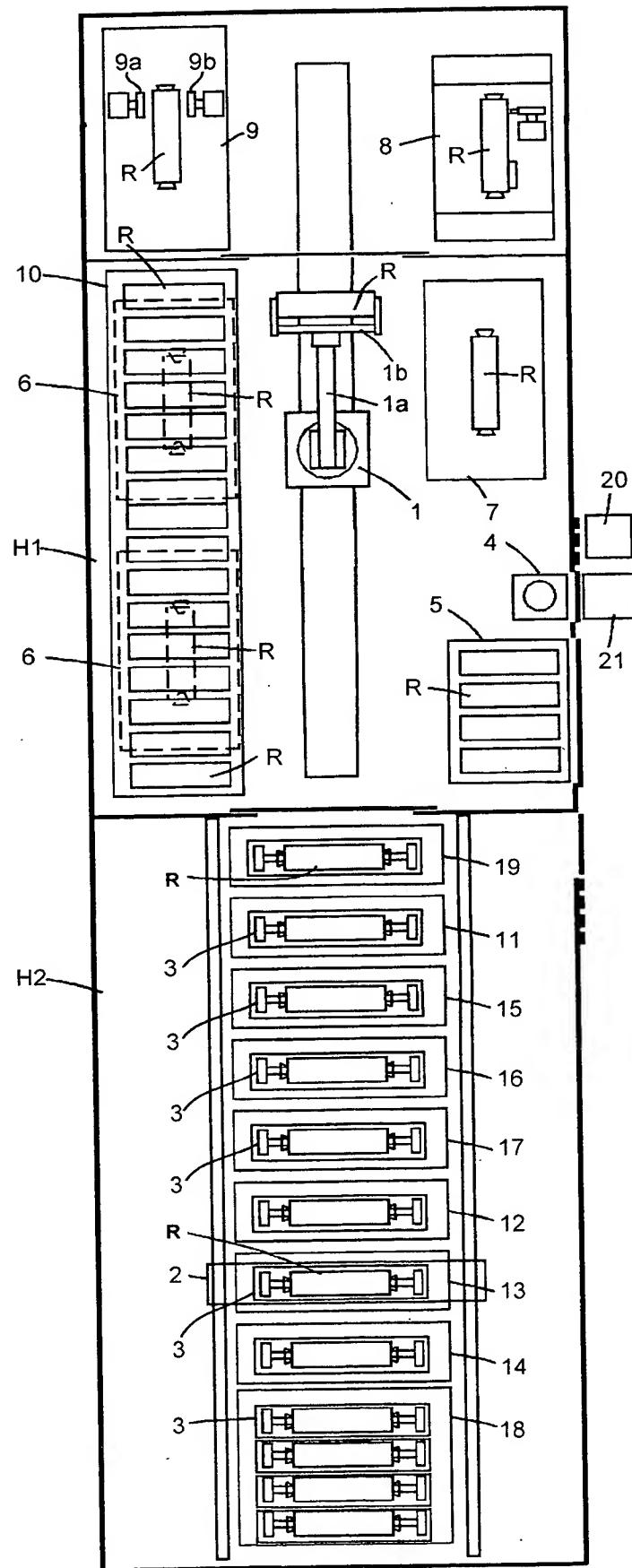
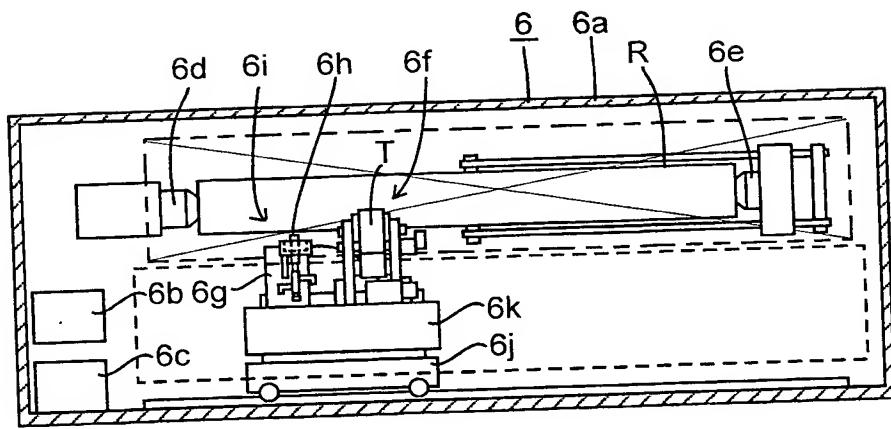


FIG. 1



# FIG.2



# FIG.3

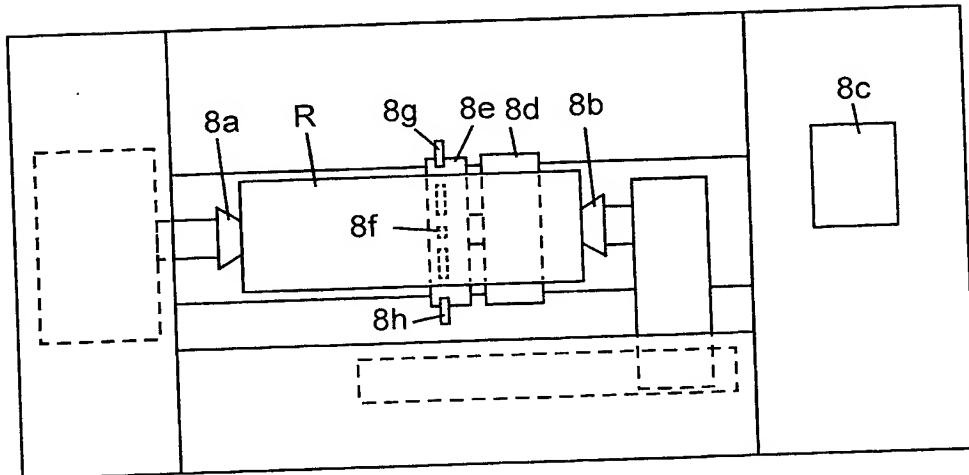


FIG. 4

9

Data Input Sheet      Roll Identification No.               

Roll Length =             .    mm

Chuck Hole Diameter =             .    mm

Roll Diameter =             .    mm

Chromium Plating Thickness =       8     $\mu\text{m}$

Copper Sulfate Plating Thickness = 1 3 0     $\mu\text{m}$

Nickel Plating Thickness =    2     $\mu\text{m}$

Minimum Cutting Margin =    4 8     $\mu\text{m}$

Allowable Eccentric Amount =    3 0     $\mu\text{m}$

Minimum Allowable Copper Sulfate Plating Thickness After Cylinder Machining =    2 0     $\mu\text{m}$

Copper Surface Plating Thickness Left on Machined End Surface =    6 0     $\mu\text{m}$

Chuck Automatic  
Automatic transition of Measurement  
Automatic transition of Machining  
Measurement Run  
Set

Cell  $\alpha$  Minimum Cutting Margin (Cell Depth +  $\alpha$ )

# FIG.5

